

**Notice of Allowability****Application No.**

10/588,600

**Applicant(s)**

KAWAMOTO ET AL.

**Examiner**

Louis J. Casaregola

**Art Unit**

3741

**- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicants' paper of 7/29/09.
2. ☒ The allowed claim(s) is/are 1-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 11/12/09.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

***Examiner's Amendment***

An Examiner's Amendment to the record appears below. The changes were authorized by applicants' attorney, Mr. Keith Mullervy, in a telephone interview on 11/12/09.

In claim 1, last line, -- , wherein the foreign matter removal passage comprises an annular space surrounding the rotary shaft -- has been inserted after "inner casing". (This is the same language added by new claim 15 included with applicants' amendment of 7/29/09.)

Claim 15 has been canceled.

***Comment On 35 USC 112 Rejection***

The previous office action includes a § 112 rejection based on the fact that claim 1 appears to conflict with the disclosed embodiment of the invention. The claim suggests that first compressor "HC" and turbine "HT" are on the same "rotary shaft" as fan 12, but the preferred embodiment shows the fan as being on a different shaft unit than the compressor and turbine. This rejection has now been withdrawn in view of the arguments in applicants response (page 8), which state the claimed "rotary shaft" is defined in the specification (page 7) as comprising both an inner and an outer shaft.

For the purpose of claim interpretation, the recited "rotary shaft" is now interpreted as comprising multiple shafts as defined in applicant's specification.

/Louis J. Casaregola/  
Primary Examiner; A.U. 3741  
571-272-4826 (M-F; 7:30-4:00)  
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November 16, 2009

If repeated attempts to reach the examiner by telephone are unsuccessful, the art unit supervisor, Michael Cuff, can be reached at 571-272-6778.

Information regarding the status of this application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR, and status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).